

Project Title	Funding	Strategic Plan Objective	Institution
Improved early detection of autism using novel statistical methodology	\$49,880	Q1.L.B	Yale University
Near-infrared spectroscopy studies of early neural signatures of autism	\$149,917	Q2.L.B	Yale University
Brain electrophysiology of interactive social stimuli	\$52,984	Q2.Other	Yale University
Attention & word learning in children with ASD- Translating experimental findings into intervention	\$50,600	Q2.Other	Women & Infants Hospital
High metabolic demand of fast-spiking cortical interneurons underlying the etiology of autism	\$54,500	Q2.Other	Weill Cornell Medical College
Behavioral and neural underpinnings of learning in autism predict response to intervention	\$48,000	Q4.S.F	Weill Cornell Medical College
Mapping functional connectivity networks in autism spectrum disorder with diffuse optical tomography	\$55,170	Q2.Other	Washington University in St. Louis
Transitioning Together: An intervention program for adolescents with ASD and their families	\$0	Q5.Other	Waisman Center
Quality of life during midlife in adults with ASD	\$149,999	Q6.S.A	Waisman Center
Neural mechanisms underlying an extended multisensory temporal binding window in ASD	\$0	Q2.Other	Vanderbilt University
Characterization of the sleep phenotype in adolescents and adults with autism spectrum disorder	\$150,000	Q2.S.E	Vanderbilt University
Evaluating hyperserotonemia as a biomarker of sensory dysfunction in autism spectrum disorder	\$28,600	Q4.S.B	Vanderbilt University
Autism Treatment Network (ATN) 2011- Vanderbilt University	\$0	Q7.N	Vanderbilt University
Macrocephalic autism: Exploring and exploiting the role of PTEN	\$0	Q2.Other	University of Wisconsin - Madison
Multi-registry analyses for iCARE- West Australia	\$69,485	Q3.S.H	University of Western Australia
Investigation of the link between early brain enlargement and abnormal functional connectivity in autism spectrum disorders	\$0	Q2.L.A	University of Washington
Social processing, language, and executive functioning in twin pairs: Electrophysiological and behavioral endophenotypes	\$150,000	Q2.S.G	University of Washington
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$250,080	Q4.S.D	University of Washington
20-year outcome of autism	\$149,964	Q2.L.A	University of Utah
Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	\$56,900	Q4.S.B	University of Texas Southwestern Medical Center
Shank3 mutant characterization in vivo	\$0	Q4.S.B	University of Texas Southwestern Medical Center
Temporally controlled genetic rescue of Shank3 autism model	\$60,000	Q4.S.B	University of Texas Southwestern Medical Center
Environmental exposures measured in deciduous teeth as potential biomarkers for autism risk	\$100,000	Q3.S.B	University of Texas Health Science Center at San Antonio

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Factors influencing early associative learning as a precursor to social behavior heterogeneity	\$53,000	Q2.S.G	University of Southern California
Perinatal exposure to airborne pollutants and associations with autism phenotype	\$102,717	Q3.S.C	University of Southern California
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	\$0	Q3.S.E	University of Rochester
Autism Treatment Network (ATN) 2011- University of Rochester	\$0	Q7.N	University of Rochester
Autism Genome Project (AGP) Core Consortium	\$0	Q3.L.B	University of Pittsburgh
Evidence-based cognitive rehabilitation to improve functional outcomes for young adults with autism spectrum disorders	\$100,000	Q4.S.F	University of Pittsburgh
Autism Treatment Network (ATN) 2011- U of Pittsburgh	\$0	Q7.N	University of Pittsburgh
Increasing ASD screening and referral among NYC's Korean Americans	\$320,320	Q5.L.A	University of Pennsylvania
Estimating the economic costs of autism	\$0	Q6.L.D	University of Pennsylvania
Neuropathology of the social-cognitive network in Autism: a comparison with other structural theories	\$140,718	Q2.Other	University of Oxford
MRI study of brain development in school age children with autism	\$127,479	Q2.L.A	University of North Carolina at Chapel Hill
Behavioral and neural correlates of reward motivation in children with autism spectrum disorders	\$0	Q2.Other	University of North Carolina at Chapel Hill
Bi-directional regulation of Ube3a stability by cyclic AMP-dependent kinase	\$60,000	Q2.S.D	University of North Carolina at Chapel Hill
Functional and anatomical recovery of synaptic deficits in a mouse model of Angelman Syndrome	\$56,000	Q2.S.D	University of North Carolina at Chapel Hill
Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	\$48,500	Q4.S.B	University of North Carolina at Chapel Hill
Early intervention professional development: Evidenced-based practices and program quality	\$200,000	Q5.L.A	University of North Carolina at Chapel Hill
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	\$128,314	Q1.S.B	University of North Carolina
Autism Treatment Network (ATN) 2011- University of Missouri	\$0	Q7.N	University of Missouri
Early intervention in an underserved population	\$73,219	Q4.L.D	University of Michigan
Development and refinement of diagnostic instruments for use with adults with ASD	\$0	Q6.S.C	University of Michigan
Influence of maternal cytokines during pregnancy on effector and regulatory T helper cells as etiological factors in autism	\$0	Q2.S.A	University of Medicine & Dentistry of New Jersey
Dissemination of multi-stage screening to underserved culturally-diverse families	\$0	Q1.S.C	University of Massachusetts, Boston

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PASS: Parent-mediated intervention for autism spectrum disorders (ASD) in South Asia	\$149,993	Q4.S.D	University of Liverpool
KwaZulu-Natal (KZN) Autism Study	\$51,000	Q7.J	University of KwaZulu-Natal
Transitions from augmentative or alternative communication (AAC) to speech: A pilot investigation	\$0	Q4.S.G	University of Kansas
Visualizing voice	\$0	Q4.S.G	University of Illinois at Urbana Champaign
Making words meet: Using computerized feedback to facilitate word combinations in children with ASD	\$0	Q4.S.G	University of Illinois at Urbana Champaign
Applying participatory design to develop technology (ITA Course)	\$0	Q5.L.A	University of Haifa
Physiological studies in a human stem cell model of 15q duplication syndrome	\$60,000	Q2.S.D	University of Connecticut
Embodied rhythm interventions for children with autism spectrum disorders	\$60,000	Q4.S.C	University of Connecticut
Screening, diagnosis and parent training for young children with ASD in Albania	\$99,960	Q5.L.A	University of Connecticut
Multimodal neuroimaging of motor dysfunction in autism spectrum disorders	\$56,000	Q2.Other	University of Colorado Denver
Salivary melatonin as a biomarker for response to sleep interventions in children with autism	\$0	Q2.S.E	University of Colorado Denver
Improving educational identification in rural communities	\$100,000	Q5.L.C	University of Colorado Denver
Linking autism and congenital cerebellar malformations	\$0	Q3.L.B	University of Chicago
Deciphering the function and regulation of AUTS2	\$0	Q2.Other	University of California, San Francisco
Pathologic and genetic characterization of novel brain cortical patches in young autistic brains	\$50,000	Q2.Other	University of California, San Francisco
A novel transplantation assay to study human PTEN ASD alleles in GABAergic interneurons	\$60,000	Q2.Other	University of California, San Francisco
Stimulus preceding negativity and social stimuli in autism spectrum disorder	\$28,600	Q2.Other	University of California, San Diego
The effectiveness of an evidence-based parent training intervention in a community service setting	\$0	Q4.L.D	University of California, San Diego
Electrophysiologic biomarkers of language function in autism spectrum disorders	\$28,600	Q2.L.B	University of California, Los Angeles
Genome-wide expression profiling data analysis to study autism genetic models	\$0	Q3.S.A	University of California, Los Angeles
Cognitive behavioral therapy for core autism symptoms in school-age children	\$0	Q4.L.D	University of California, Los Angeles
Deployment focused model of JASPER for preschoolers with autism spectrum disorders	\$0	Q4.L.D	University of California, Los Angeles
Anxiety treatment for children with autism and intellectual disability	\$26,040	Q4.S.A	University of California, Los Angeles

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Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	\$58,000	Q4.S.B	University of California, Los Angeles
Daily ratings of ASD Symptoms with digital media devices: An initial validity study	\$150,000	Q4.S.C	University of California, Los Angeles
A novel parent directed intervention to enhance language development in nonverbal children with ASD	\$0	Q4.S.G	University of California, Los Angeles
Developmental and augmented intervention for facilitating expressive language	\$0	Q4.S.G	University of California, Los Angeles
IL-1beta and IL1RAPL1: Gene-environment interactions regulating synapse density and function in ASD	\$28,600	Q2.S.A	University of California, Davis
Evaluation of the immune and physiologic response in children with autism following immune challenge	\$0	Q3.S.E	University of California, Davis
UC Davis Center for Children's Environmental Health (CCEH) Bridge	\$75,000	Q3.S.F	University of California, Davis
Gestational exposure questionnaire validation and feasibility study	\$187,864	Q3.S.H	University of California, Davis
Defining the underlying biology of gastrointestinal dysfunction in autism	\$0	Q3.S.I	University of California, Davis
Double-blind placebo controlled trial of subcutaneous methyl B12 on behavioral and metabolic measures in children with autism	\$0	Q4.S.C	University of California, Davis
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	\$0	Q4.S.D	University of California, Davis
Economic burden of current and future autism	\$60,000	Q6.L.D	University of California, Davis
A centralized standard database for the Baby Siblings Research Consortium	\$0	Q7.C	University of California, Davis
Examining vocational services for adults with autism	\$59,345	Q6.S.A	University of Calgary
Autism Treatment Network (ATN) 2011- Arkansas	\$0	Q7.N	University of Arkansas for Medical Sciences
Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	\$147,661	Q3.S.A	University of Alberta
Genomic influences on development and outcomes in Infants at risk of ASD	\$0	Q3.S.A	University of Alberta
Autism Treatment Network (ATN) 2011- Glenrose Rehabilitation Hospital	\$0	Q7.N	University of Alberta
Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure	\$0	Q3.S.K	Universita Campus Bio-Medico di Roma
Multi-registry analyses for iCARE - Finland	\$6,980	Q3.S.H	Turku University
Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism	\$0	Q4.S.C	Thomas Jefferson University
A stem cell based platform for identification of common defects in autism spectrum disorders	\$0	Q2.S.D	The Scripps Research Institute - California

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Increasing autism awareness in Ethiopia: The HEAT+ project	\$100,000	Q5.L.A	The Open University
Autism Genome Project (AGP): Genome sequencing and analysis supplement	\$50,000	Q3.L.B	The Hospital for Sick Children
Examining the Y-chromosome in autism spectrum disorder	\$175,000	Q3.L.B	The Hospital for Sick Children
Identifying genetic variants on the Y chromosome of males with autism	\$50,555	Q3.L.B	The Hospital for Sick Children
Multi-registry analyses for iCARE - Israel	\$8,980	Q3.S.H	The Gertner Institute of Epidemiology and Health Policy Research
Emergent communication skills of nonverbal children with autism facilitated by relational responding	\$58,094	Q4.S.G	Swansea University
Social behavior deficits in autism: Role of amygdala	\$0	Q2.Other	State University of New York Upstate Medical Center
Social cognition in 22q11.2 deletion syndrom (DS) adolescents with ASD vs. without ASD: Imaging and genetic correlates	\$0	Q2.S.G	State University of New York Upstate Medical Center
Role of CNTNAP2 in neuronal structural development and synaptic transmission	\$53,500	Q2.Other	Stanford University
Association of cholinergic system dysfunction with autistic behavior in fragile X syndrome: Pharmacologic and imaging probes	\$92,469	Q4.L.A	Stanford University
Randomized controlled trial of oxytocin treatment for social deficits in children with autism	\$50,600	Q4.L.A	Stanford University
Pivotal response group treatment for parents of young children with autism	\$0	Q4.L.D	Stanford University
ARTI: The Autism Research & Training Initiative in India	\$0	Q7.J	Sangath
Integrated play groups: Promoting social communication and symbolic play with peers across settings in children with autism	\$0	Q4.S.F	San Francisco State University
Thalamocortical connectivity in children and adolescents with ASD-A combined fMRI and DTI approach	\$28,600	Q2.Other	San Diego State University
Hybrid social communication intervention for children with ASD: Sibling mediation and video modeling	\$59,998	Q4.Other	Portland State University
Autism Treatment Network (ATN) 2011- OHSU	\$0	Q7.N	Oregon Health & Science University
Multi-registry analyses for iCARE - Norway	\$11,462	Q3.S.H	Norwegian Institute of Public Health
Spatial attention in autism spectrum disorders	\$28,600	Q2.Other	New York University
Development of brain connectivity in autism	\$0	Q2.Other	New York School of Medicine
Autism Genome Project (AGP) Core Consortium	\$0	Q3.L.B	Nationwide Children's Hospital
Autism Treatment Network (ATN) 2011- Nationwide Children's Hospital	\$0	Q7.N	Nationwide Children's Hospital

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ASD prevalence by DSM-IV and DSM-5: Total population study	\$44,660	Q1.Other	Nathan Kline Institute
Identifying high-impact therapeutic targets for autism spectrum disorders using rat models	\$137,173	Q4.S.B	Mount Sinai School of Medicine
Effectiveness of reciprocal imitation training for adolescents with low-functioning autism	\$0	Q4.L.D	Michigan State University
Using an internet-based program to teach a naturalistic intervention to parents of children with ASD	\$0	Q5.L.C	Michigan State University
South Carolina Children's Educational Surveillance Study: Comparison of DSM-IV & DSM-5 prevalence	\$43,198	Q1.Other	Medical University of South Carolina
Autism and Developmental Disabilities Monitoring Network augmentation with screening and assessment	\$275,000	Q7.I	Medical University of South Carolina
Epidemiological study of pervasive developmental disorders in Mexico	\$0	Q7.J	McGill University
Autism Treatment Network (ATN) 2011 - MGH Clinical Coordinating Center	\$0	Q7.N	Massachusetts General Hospital
Autism Treatment Network (ATN) 2011- MGH/LADDERS	\$0	Q7.N	Massachusetts General Hospital
Estimating the economic costs of autism	\$0	Q6.L.D	London School of Economics
Autism phenotypes in Tuberous Sclerosis: Risk factors, features & architecture	\$149,881	Q2.S.D	King's College London
Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences	\$0	Q3.S.J	King's College London
Why do people with autism spectrum disorders fare so differently in adult life?	\$0	Q6.S.A	King's College London
Assessing the accuracy of rapid phenotyping of nonverbal autistic children	\$0	Q1.S.A	Kennedy Krieger Institute
Understanding the brain basis of impaired imitation learning in autism	\$55,200	Q2.Other	Kennedy Krieger Institute
Double masked placebo controlled trial of cholesterol in hypocholesterolemic ASD	\$0	Q4.S.C	Kennedy Krieger Institute
Effects of self-generated experiences on social cognitive development in young children with autism	\$149,967	Q4.S.F	Kennedy Krieger Institute
Interactive Autism Network (IAN) core support	\$0	Q7.C	Kennedy Krieger Institute
Autism Treatment Network (ATN) 2011- KKI	\$0	Q7.N	Kennedy Krieger Institute
Multi-registry analyses for iCARE- Sweden	\$11,462	Q3.S.H	Karolinska Institutet
Prevalence and patterns of medical co-morbidity and healthcare use before ASD diagnoses in children	\$149,999	Q3.S.E	Kaiser Foundation Research Institute
GABAergic dysfunction in autism	\$48,000	Q2.Other	Johns Hopkins University

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Why are autistic females rare and severe? An approach to autism gene identification.	\$28,600	Q2.S.B	Johns Hopkins University
Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh	\$196,051	Q3.L.D	Johns Hopkins University
Genome-wide examination of DNA methylation in autism	\$149,999	Q3.S.J	Johns Hopkins University
Comprehensive parent-mediated intervention for children with autism in southern Taiwan	\$100,000	Q4.S.D	Johns Hopkins University
Biomarkers and diagnostics for ASD	\$149,600	Q1.S.A	Institute of Biotechnology
Very early behavioral indicators of ASD risk among NICU infants: A prospective study	\$149,986	Q3.S.H	Institute for Basic Research in Developmental Disabilities
Mirtazapine treatment of anxiety in children and adolescents with pervasive developmental disorders	\$94,242	Q4.L.C	Indiana University
A multi-site double-blind placebo-controlled trial of memantine vs. placebo in children with autism	\$0	Q4.L.A	Holland Bloorview Kids Rehabilitation Hospital
Autism Treatment Network (ATN) 2011-Toronto Consortium	\$0	Q7.N	Holland Bloorview Kids Rehabilitation Hospital
Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F)	\$149,999	Q1.S.B	Georgia State University
Elucidation and rescue of amygdala abnormalities in the Fmr1 mutant mouse model of fragile X syndrome	\$150,000	Q2.S.D	George Washington University
Social-pragmatic treatment for adults with autism spectrum disorder: The Interview Skills Curriculum	\$0	Q6.L.A	Florida State University
PI3K/mTOR signaling as a novel biomarker and therapeutic target in autism	\$0	Q2.Other	Emory University
5-Hydroxymethylcytosine-mediated epigenetic regulation in autism spectrum disorders	\$60,000	Q3.S.J	Emory University
Novel approaches to enhance social cognition by stimulating central oxytocin release	\$149,852	Q4.S.B	Emory University
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	\$150,000	Q4.S.B	Duke University
Ethics of communicating scientific findings on autism risk	\$0	Q7.E	Drexel University School of Public Health
Early life environmental exposures and autism in an existing Swedish birth cohort	\$149,995	Q3.S.H	Drexel University
Preference acquisition in children and adolescents with and without autism spectrum disorder	\$0	Q2.Other	Dalhousie University
Multi-registry analyses for iCARE - Data Management Core	\$16,907	Q3.S.H	Columbia University
Autism Treatment Network (ATN) 2011- Columbia University	\$0	Q7.N	Columbia University
Autism Treatment Network (ATN) 2011 - Cincinnati Children's Hospital Medical	\$0	Q7.N	Cincinnati Children's Hospital Medical Center

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Autism Treatment Network (ATN) 2011- CHOP	\$0	Q7.N	Children's Hospital of Philadelphia
Autism Treatment Network (ATN) 2011- Children's Hospital Los Angeles	\$0	Q7.N	Children's Hospital Los Angeles
Autism Treatment Network (ATN) 2011- University of Colorado Denver	\$0	Q7.N	Children's Hospital Colorado
TrkB agonist therapy for sensorimotor dysfunction in Rett syndrome	\$147,806	Q2.S.D	Case Western Reserve University
Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system	\$0	Q2.Other	Carnegie Mellon University
The mechanism of the maternal infection risk factor for autism	\$150,000	Q2.S.A	California Institute of Technology
Single-unit recordings in neurosurgical patients with autism	\$55,200	Q2.S.E	California Institute of Technology
Tuning anxiety out: Exploring the potential of noise cancellation in ASD sound sensitivity	\$100,000	Q4.S.C	Brunel University
Neurophysiological investigation of language acquisition in infants at risk for ASD	\$0	Q1.L.A	Boston University
A non-interactive method for teaching noun and verb meanings to young children with ASD	\$59,986	Q4.Other	Boston University
Understanding the etiological significance of attentional disengagement in infants at-risk for ASD	\$46,000	Q2.L.A	Boston Children's Hospital
A cerebellar mutant for investigating mechanisms of autism in Tuberous Sclerosis	\$149,958	Q2.S.D	Boston Children's Hospital
Randomized phase 2 trial of RAD001 (an mTOR inhibitor) in patients with tuberous sclerosis complex	\$65,000	Q4.L.A	Boston Children's Hospital
The effects of disturbed sleep on sleep-dependent memory consolidation and daily function in individuals with ASD	\$90,480	Q2.S.E	Beth Israel Deaconess Medical Center
Comparing AMMT vs. Control Therapy in facilitating speech output in nonverbal children with autism	\$0	Q4.S.G	Beth Israel Deaconess Medical Center
In-vivo imaging of neuronal structure and function in a reversible mouse model for autism.	\$0	Q2.S.D	Baylor College of Medicine
TMLHE deficiency and a carnitine hypothesis for autism	\$60,000	Q2.S.D	Baylor College of Medicine
Integrative system biology of iPSC-induced neurons for identifying novel drug targets	\$55,200	Q4.S.B	Baylor College of Medicine
Rat knockout models of ASD	\$100,441	Q4.S.B	Baylor College of Medicine
Autism Treatment Network (ATN) 2011- BCM/TCH	\$0	Q7.N	Baylor College of Medicine
Baby Siblings Research Consortium	\$50,000	Q1.S.B	Autism Speaks (AS)
Autism Genome Project (AGP)	\$10,000	Q3.L.B	Autism Speaks (AS)
Bioinformatics support for AGRE	\$422,519	Q7.D	Autism Speaks (AS)

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Autism Genetic Resource Exchange (AGRE)	\$1,036,843	Q7.D	Autism Speaks (AS)
Autism Tissue Program (ATP)	\$560,220	Q7.D	Autism Speaks (AS)
Autism Treatment Network (ATN)	\$1,721,387	Q7.N	Autism Speaks (AS)
The role of mTOR inhibitors in the treatment of autistic symptoms in symptomatic infantile spasms	\$0	Q2.S.E	Albert Einstein College of Medicine of Yeshiva University
Advanced parental age and autism: The role of aneuploidy and uniparental disomy in ASD pathogenesis	\$0	Q3.S.A	Albert Einstein College of Medicine of Yeshiva University
Multi-registry analyses for iCARE - Denmark	\$4,478	Q3.S.H	Aarhus University

